PTO/SB/05 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY	Attorney Docket No.	· 1-24671 Peter Burnhardt		
	First Inventor			
	Title	BALL JOINT		
	Francis Mail Labor	FX 0/22-0/00 I/G		

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label	EL 863359689 US			
APPLICATIONELEMENTS See MPEP chapter 600 concerning utility patent application co	ontents.	ADDRESS TO:  ADDRESS TO:  Mail Stop Patent Application P. O. Box 1450 Alexandria VA 22313-1450			
Fee Transmittal Form (e.g., PTO/SB/17)     (Submit an original, and a duplicate for fee processing Applicant claims small entity status. See 37 CFR 1.27.	8. Nu	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) cleotide and/or Amino Acid Sequence Submission pplicable, all necessary)			
3. Specification (Total Pages (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description	6 ] a	Computer Readable Form (CRF)  Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper			
or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation  Prior application information: Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entir	inpleted) 15.  Sing inventor(s) 16.  17.  Sebox, and supply the recation-in-part(CIP) 17.  Set disclosure of the price of	37 CFR 3.73(b) Statement (when there is an assignee)  English Translation Document (if applicable)  Information Disclosure Copies of IDS Statement (IDS)/PTO-1449  Preliminary Amendment  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  Certified Copy of Priority Document(s) (if foreign priority is claimed)  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  Other:  Quisite information below and in a preliminary amendment,  fi prior application No.:  Group / Art Unit:  Ior application, from which an oath or declaration is supplied			
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertentlyomitted from the submitted application parts.					
19. COP	RRESPONDENCE	ADDRESS			
Customer Number or Bar Code Label     (Insert Custome)	04859 erNo. or Attach bar code	or Correspondence address below label here)			
Name					
Address	<del></del>				
City	State	Zip Code			
·	ephone	Fax			
Name (Print/Type) Douglas P Polko	Re	egistration No. (Attorney/Agent) 36,888			
Signature		Date August 5, 2003			

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and ubmitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Peter Bernhardt			Docket No. 1-24671			
Serial No.	Filing Date Herewith	Examiner	Group Art Unit			
Invention: BALL JOINT	Γ					
Utility Patent Applicat		rification, 1 Drawing, Executed Decuted Decute				
	(Identify type	of correspondence)				
is being deposited with	the United States Postal Service	ce "Express Mail Post Office to A	ddressee" service under 37			
CFR 1.10 in an envelop	pe addressed to: Commissioner	for Patents, P.O. Box 1450, Ale	xandria, VA 22313-1450 on			
	August 5, 2003. (Date)					
		Toni Bosch				
		(Typed or Printed Name of Person Ma				
	100 BOSCH					
	(Signature of Person Mailing Correspondence)					
		EL 863359689 US				
		("Express Mail" Mailing Label Number)				
	Note: Each paper must ha	eve its own certificate of mailing.				

PTO/SB/17 (5-03)
Approved for use through 04/30/2003. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENTOF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL			Complete if Kn wn						
for FY 2003		Application Number							
		Filing Date Herev		vith					
Effective 01/01/2003. Patent fees are subject to annual revision	on. First Named Inventor			tor Peter	ter Bernhardt				
Applicant claims small entity status. See 37 CFR 1.2	27	Examiner Name							
		Group Art Unit							
TOTAL AMOUNT OF PAYMENT (\$) \$790	0.00	Attor	ney Do	cket No	0. 1-246	71			
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION(continued)								
Check Credit card Money Other None	3. ADDITIONALFEES								
Deposit Account:	Large F Fee	ntity Fee	Small Fee	<u>Entity</u> Fee	Foo	Descripti	on		Fee Paid
Deposit Account 11-0417	<b>Code</b> 1051	(\$) 130	<b>Code</b> 2051	(\$) 65 S	urcharge - lat	•		1	reeralu
Number	1052	50	2052	25 S	urcharge - lat	-		cover	
Account Name MacMillan, Sobanski & Todd	1053	130	1053		heet Ion - English s	specification		[	
The Commissioneris authorized to: (check all that apply)	1812	2,520	1812	2,520 F	or filing a requ	uest for <i>ex pa</i>	arte reexami	ination	
Charge fee(s) indicated below Credit any overpayments	1804	920*	1804		Requesting pul ction	blication of S	IR prior to E	xaminer	
Charge any additional fee(s) during the pendency of this application  Charge fee(s) indicated below, except for the filing fee	1805	1,840*	18051		Requesting put ction	blication of S	IR after Exa	miner	
to the above-identified deposit account.	1251	110	2251		xtension for re				
FEE CALCULATION	1252	410	2252		xtension for re			ו ו	
1. BASIC FILING FEE	1253	930	2253 2254	-	extension for re			ļ	
Large Entity   Small Entity   Fee   Fee		1,450 1,970	2255	_	xtension for re xtension for re			1	
Code (\$) Code (\$) Fee Paid	1401	320	2401		lotice of Appe		armonar		
1001 750 2001 375 Utility filing fee 750.00 1002 330 2002 165 Design filing	1402	320	2402		iling a brief in		n appeal		==-
1003 520 2003 260 Plant filing fee	1403	280	2403	140 R	Request for ora	al hearing			
1004 750 2004 375 Reissue filing	1451	1,510	1451	1,510 P	etition to insti	tute a public	use proceed	ding	
1005 160 2005 80 Provisional filing fee	1452	110	2452	55 P	etition to reviv	ve - unavoida	ble		
SUBTOTAL(1) (\$) \$750.00	1453	1,300	2453		etition to reviv		onal		
2. EXTRA CLAIM FEES FOR UTILITY AND		1,300	2501		Itility issue fee				
Fee from Extra Claims below Fee Paid	1502	470	2502		esign issue fe				
Total Claims $\boxed{5}$ -20** = $\boxed{0}$ X $\boxed{18.00}$ = $\boxed{0.00}$	1503 1460	630 130	2503 1460		Plant issue fee Petitions to the		ner .	l	
Independent 1 - 3** = 0 X 84.00 = 0.00	1807	50	1807		rocessing fee			) i (c	
Multiple Dependent = = =	1806	180	1806	180 S	Submission of		• •	I	
Large Entity   Small Entity   Fee Fee Fee Fee Fee Description   Code (\$)   Code (\$)	8021	40	8021	40 R	itatement Recording each	h patent assi	gnment per	property	40.00
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375 F	times number iling a submis 37 CFR § 1.1	sion after fin	-		
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375 F	or each additi	onal invention	n to be exar	nined	
1204 84 2204 42 ** Reissue independent claims	1801	750	2801		37 CFR § 1.1 Request for Co		mination (RC	CE) (	
over original patent  1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900 R	Request for exp	pedited exan	nination		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Othe	er fee (s	specify)		ı a ucsiyii app	nicau0f1		l I	
SUBTOTAL(2) (\$) \$0.00			. ,,						
**or number previously paid, if greater; For Reissues, see above	*Red	luced b	y Basic	Filing Fe	ee Paid	SUBTO	ΓAL (3)	(\$)	\$40.00
SUBMITTED BY Complete (if applicable)									
Name (Print/Type)			ation No //Agent)		36,888	Telephone		419) 255-5	900
Signature	7					Date	Au	gust 5, 200	3

WARNING: Information on this form may become public. Credit card information should

WARNING: Information on this form may become public. Gredit card information snould not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199(1-800-786-9199) and select option 2.